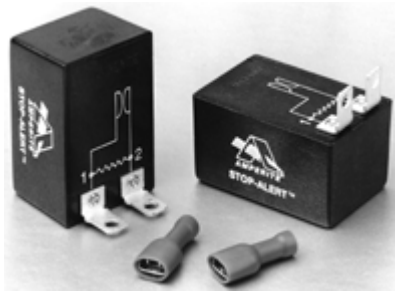
AMPERITE®
Solving your relay requirements since 1922

Amperite Co.
567 52nd Street
P.O. Box 329
West New York, NJ 07093
(800) 752-2329
www.Amperite.com

Stop-Alert



… Enhancement of automotive lamp illumination
… Solid state circuitry - no moving parts
… Quick and simple 2 terminal installation
… For all 12 volt vehicular electrical systems
… Incandescent power rating 60 watts continuous; 120 watts intermittent
… Epoxy sealed
… Low Cost
… High reliability

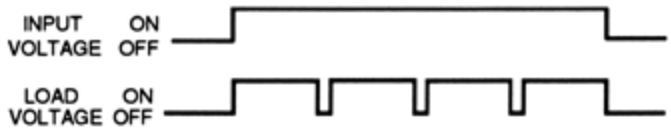
The Amperite Stop-Alert automotive lamp pulsator is a 100% solid state device that is connected in series with one or more automotive lamps. It controls current to the lamps to produce a moderate "pulsating" or "glimmering" effect of the lamp illumination for increased awareness and safety.

The standard 300 pulse per minute, 85% duty cycle yields a substantial increase in visual effectiveness (when compared to constant illumination) without the distraction level generated by common flashers. The Amperite Stop-Alert™ is ideal for many automotive uses such as certain headlight/taillight, stoplight, and backup light applications. It can also be used to enhance lamp illumination on all emergency or police vehicles.

The Stop-Alert™ is exceptionally small and easy to install. The 2 terminal unit is connected in series with the power line that feeds one or more lamps. No additional wires or connections are necessary. One pulsator can conservatively drive two standard #1156 or #1157 automotive lamps, or one headlamp.

Timing Mode:
On/off recycling automotive lamp pulsator. Standard pulse rate 300 pulses per minute (5 pulses per second) at a duty cycle of 85%. Custom pulse rates and duty cycles are available.

Timing Diagram:



Output Circuit:
Totally solid state switching device.

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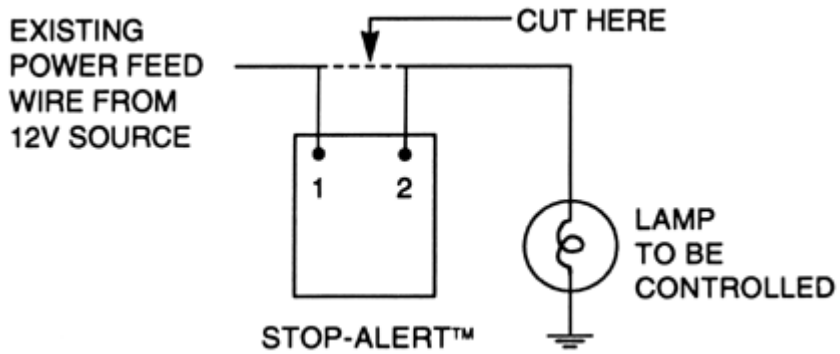
Power Rating:
Continuous 60 watts incandescent
Intermittent 120 watts incandescent
Maximum surge current 160 amperes

Input Voltages & Limits:
Continuous rating 11 to 15 volts (standard automotive range). Surge voltage 50 volts maximum.

Environmental Information:
Operating temperature range -40°C to +60°C, (-40°F to +140°F)

Mechanical Information:
Enclosure: Glass reinforced black Lexan plastic; epoxy encapsulated for maximum protection against moisture and vibration.
Termination: 1/4 inch male quick connect terminals
Size: 1-3/4 x 7/8 X 1-1/8 inches

Installation Diagram:



Stop-Alert™ Installation Procedure:
A. Locate existing 12V power wire feeding lamp.
B. Cut and strip wire at convenient place.
C. Crimp supplied terminals to exposed wires.
D. Assemble power feed wire to terminal 1 of Stop-Alert™.
E. Assemble lamp wire to terminal 2 of Stop-Alert™.